General Environmental Incident Summary

Incident: 646 ***Date/Time Notice:*** 12/8/2003 1245 ***DEM Incident No:***

Responsible Party: Motor Coach Industries International Inc.

Date Incident: **10/15/2003** ***Time Incident:*** ***Duration:***

County: Pembina ***Twp:*** 163 ***Rng:*** 51 ***Sec:*** 5 ***Qtr:***

Lat: 48.96999 ***Long:*** -97.26024 ***Method:*** Derived from TRS

Location Description: Motor Coach Industries International Inc., 552 Stutsman Avenue W., Pembina, ND 58271. The static eliminators were located in the paint shop building.

Submitted By: James Killingbeck ***Affiliation:***

Address:

City: ***State:*** ***Zip:***

Received By: Ken Wangler

Contact Person: Ms. Sharon Brandt
552 Stutsman Street W.
Pembina, ND 58271

Distance Nearest Occupied Building: 0 Feet

Type of Incident: lost radioactive materials

Description of Released Contaminant: **Radioactive Material, Polonium-210, 7 millicuries or 0.007 curies**

Volume Spilled: ***Ag Related:*** No

EPA Extremely Hazardous Substance: No ***Reported to NRC:*** No

Cause of Incident:

Five AEA Technology QSA Inc. Stat-Attack Ionizing System static eliminators, model PDM.1002H8, have been lost, stolen, or misplaced. The static eliminators were used in paint spraying operations. The serial numbers are A2CH240, A2CH242, A2CH243, A2CH244, and A2CH245.

Risk Evaluation:

radioactive material

# of Fatalities: 0 ***# of Injuries:*** 0 ***Affected Medium:*** 00 - unknown

Potential Environmental Impacts:

The radiation levels around the static eliminators would be very low (22 microrems per hour at 5 cm and 0.4 microrem at 30 cm), and not much of a hazard. However, if the static eliminators are damaged (fire, dissassembled, crushed, etc.), radioactive material could be released into the environment.

Action Taken or Planned:

In mid-October 2003, plant officials discovered that five static eliminators were missing. The paint shop building has been searched several times by plant officials and employees have been interviewed several times by plant officials, but the five missing static eliminators have not been found. Radiation Control Program staff looked at the possibility of searching for the missing static eliminators using radiation detection equipment, but the maximum radiation level around any of the missing static eliminators is estimated to be only 0.4 microrem per hour at 30 centimeters, which

would be very difficult to detect - normal background radiation levels in North Dakota are around 8-12 microrems per hour.

Wastes Disposal Location: If the static eliminators are found, they would be returned to the manufacturer.

Agencies Involved: U.S. Nuclear Regulatory Commission